



JTF/E

Antifreeze thermostat

Measuring size:

Output: 1 dust-protected micro-switch with switching contact (heat/cool)

Highlights: capillary length 3-6 m



Description

The antifreeze thermostats JTF/E are suitable to protect hot-water heating registers, heat exchanger (evaporation batteries) and water circulation systems in HVC systems from freezing. The thermostats measure temperature in non aggressive gases or liquid medium. They are intrinsically safe and have a lead-sealable setpoint adjustment.

Technical Specifications

Control range	-10 up to +10°C
Differential	2 K
Alarm output	1 dust-protected micro-switch with switching contact (heat/cool)
Switching capacity	15 (8) A, 12...250V AC
Probe	The gas-filled copper capillary without bulb is active on full length for a minimum of 400 mm. The gas-filled copper element with bulb is only on the bulb is active.
Housing	polycarbonate PC (cover), polyamide PA (underpart)
Weight	ca. 320 g
Protection type	IP65
Protection class	I
Working range r.H.	0...95% r.H. (non-condensing)
Working temperature	Probe: -10...+150°C, Electronic: -10...+70°C
Installation	housing by screw fastening, rod by mounting clamps (in scope of delivery), max. bending radius 35 mm (beware of loading by vibration)
Approvals	CE, RoHS



Variants

Article Number			
Control range	Unlocking	Differential	Capillary length
JTF/E-10			
-10...+10°C	auto	2 K	3 m
JTF/E-20			
-10...+10°C	manu	manu	3 m
JTF/E-30			
-10...+10°C	auto	2 K	6 m
JTF/E-40			
-10...+10°C	manu	manu	6 m
JTF/E-50			
-10...+10°C	auto	2 K	1,8 m with cooper bulb
JTF/E-60			
-10...+10°C	manu	manu	1,8 m with cooper bulb

Accessories

ZT/E

Immersion sleeve





Dimensional Drawing

